



# FEMA



Prepared by:  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Monday, June 11, 2018

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.  
To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

## Monday

- **A few severe storms and areas of heavy rain/flash flooding possible across OK.**

## Tuesday

- **A few strong to severe storms and isolated heavy rain/flash flooding possible across NE AR and across OK into the TX Panhandle and NE NM.**

## Wednesday - Friday

- **No significant weather expected at this time.**

## Tropical Outlook

- **Tropical cyclone activity is not expected in the Atlantic/Gulf the next 5 days.**
- **Tropical Storm Aletta and Hurricane Bud in the Eastern Pacific will have no significant impacts to FEMA Region 6.**

# FEMA Region 6 Threat Matrix

June 11 2018 – June 15, 2018



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DAY /THREAT	MON	TUE	WED	THU	FRI
Severe Storms	OK	NW OK, TX/OK Panhandles, NE NM			
		West/Central/North OK NE AR			
Heavy Rain / Flash Flooding	OK	TX/OK Panhandles			
Fire Weather					
Tropical Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*



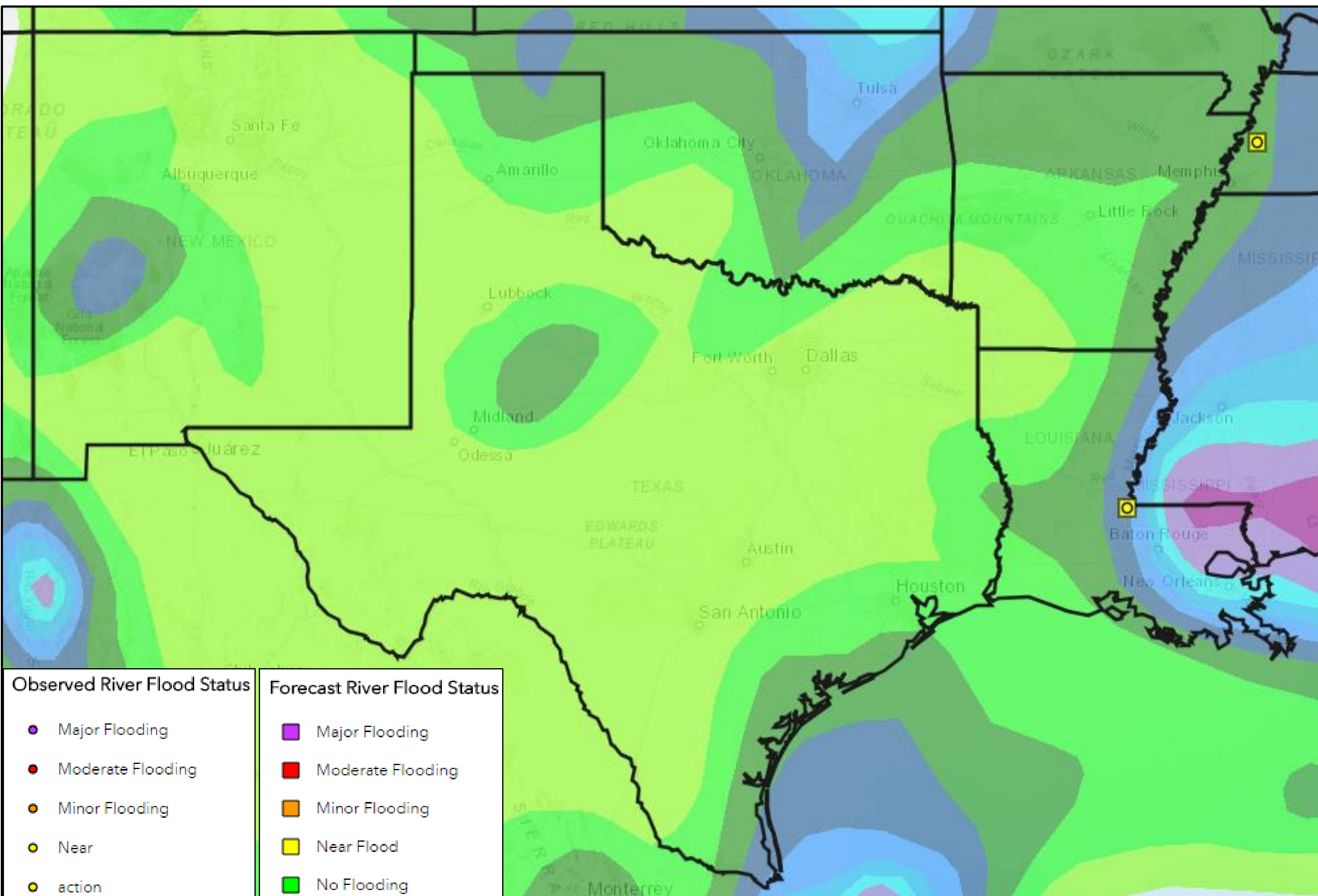
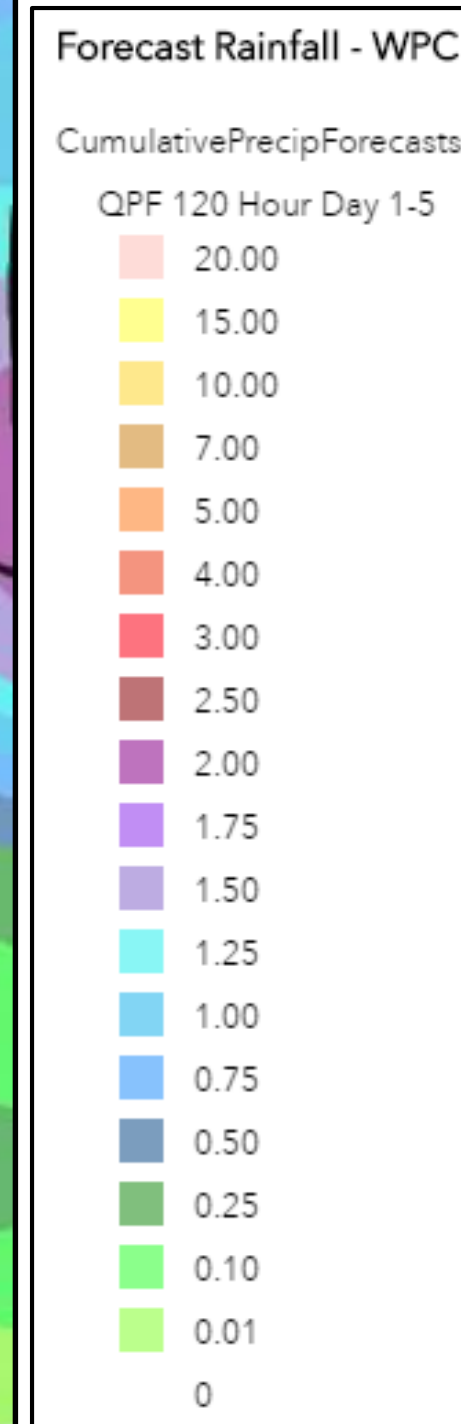
# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*

**No river flooding is observed or forecast.**

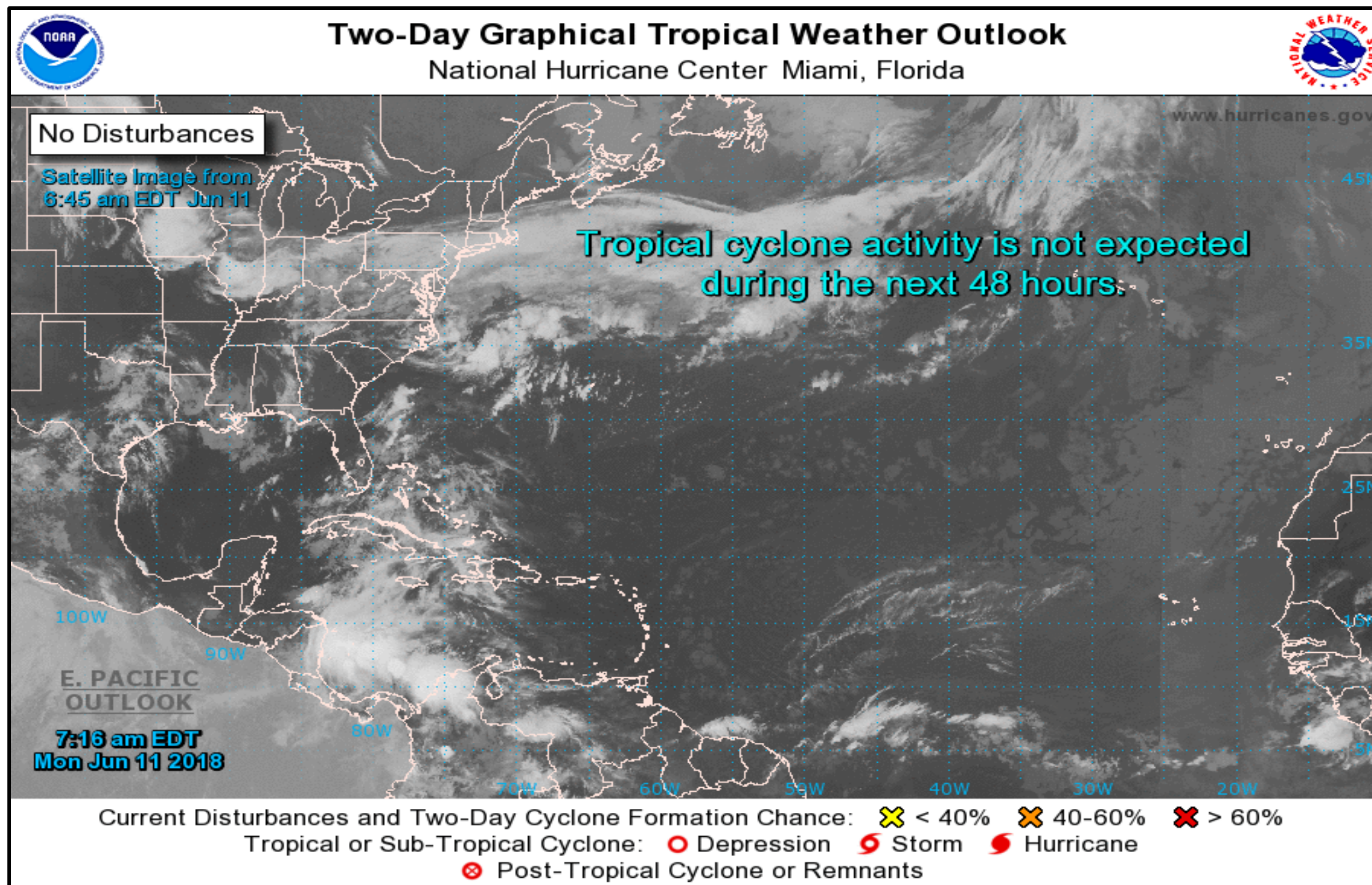




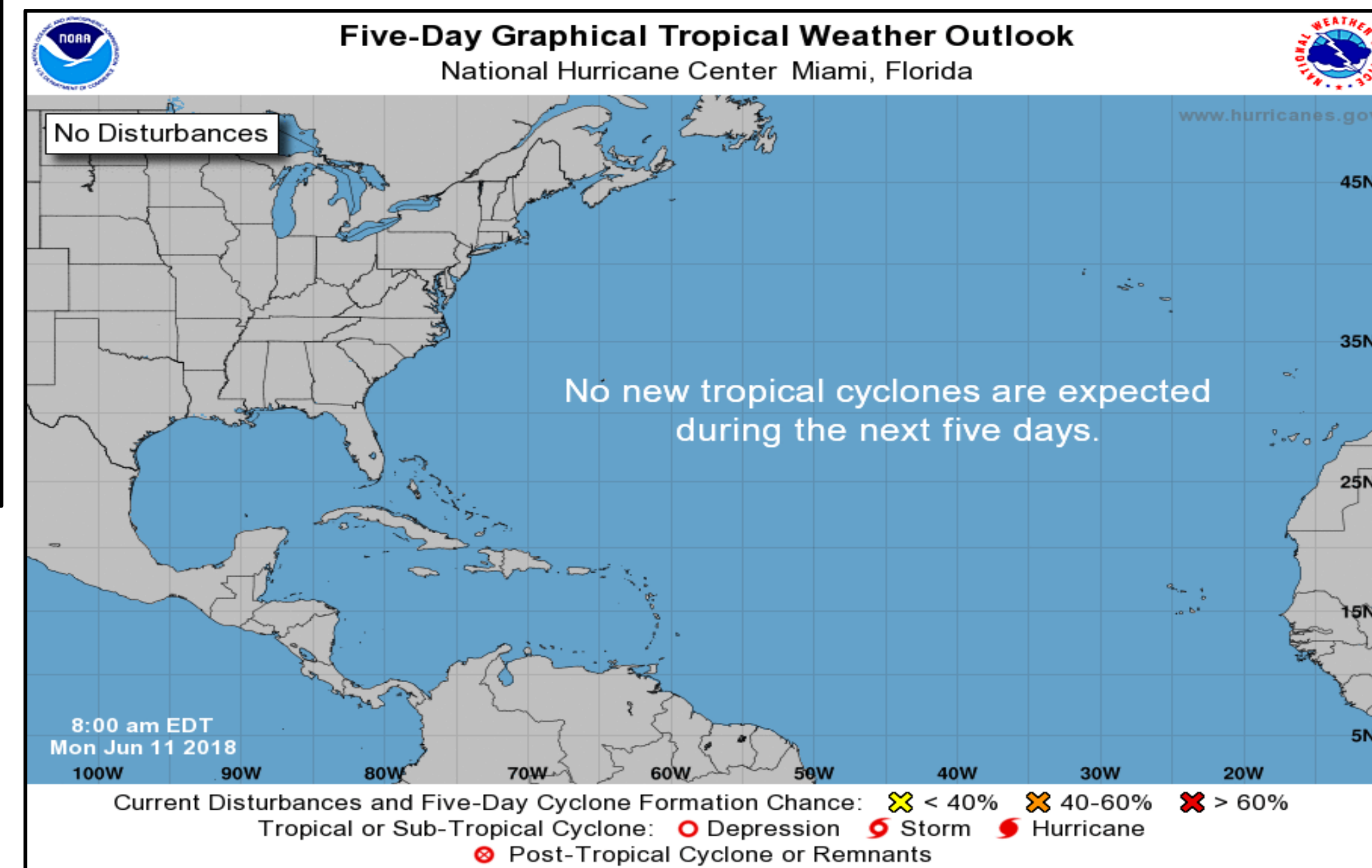
# Tropical Weather Outlook – Atlantic/Gulf



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**Tropical cyclone activity is not expected during the next five days.**

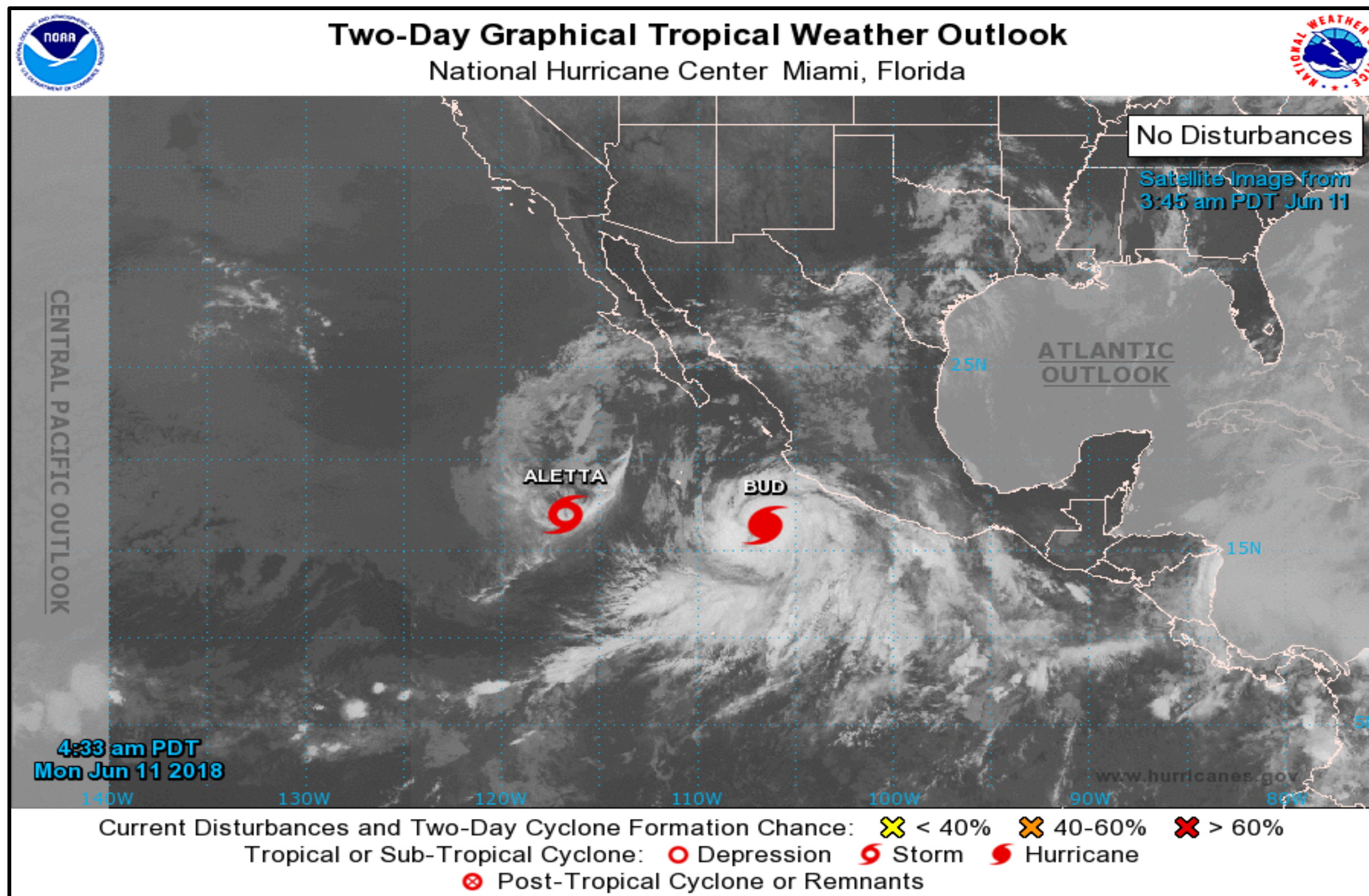




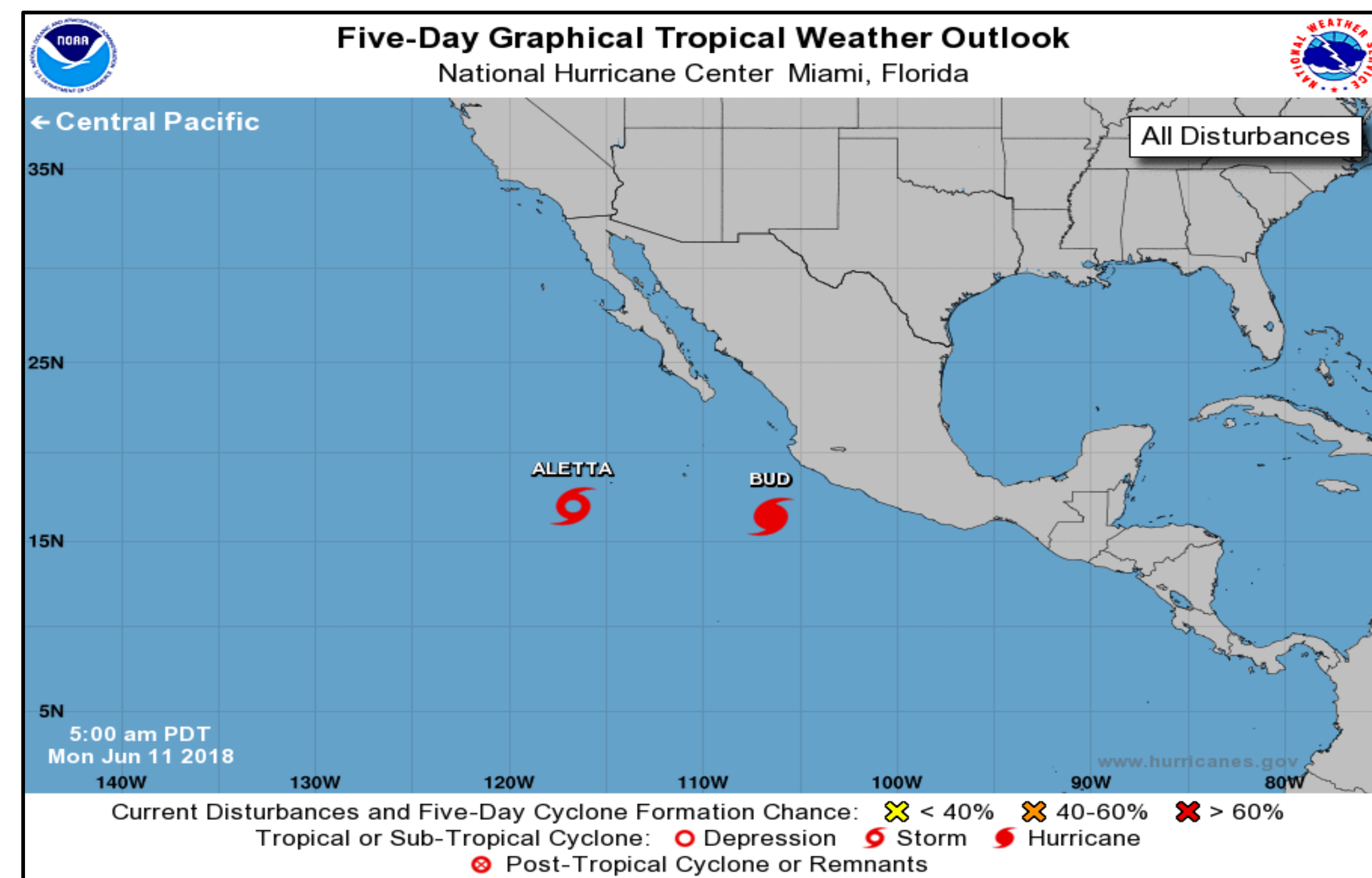
# Tropical Weather Outlook – Eastern Pacific



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**NHC is issuing advisories on Tropical Storm Aletta and Hurricane Bud.**  
**Additional tropical cyclone formation is not expected during the next 5 days.**



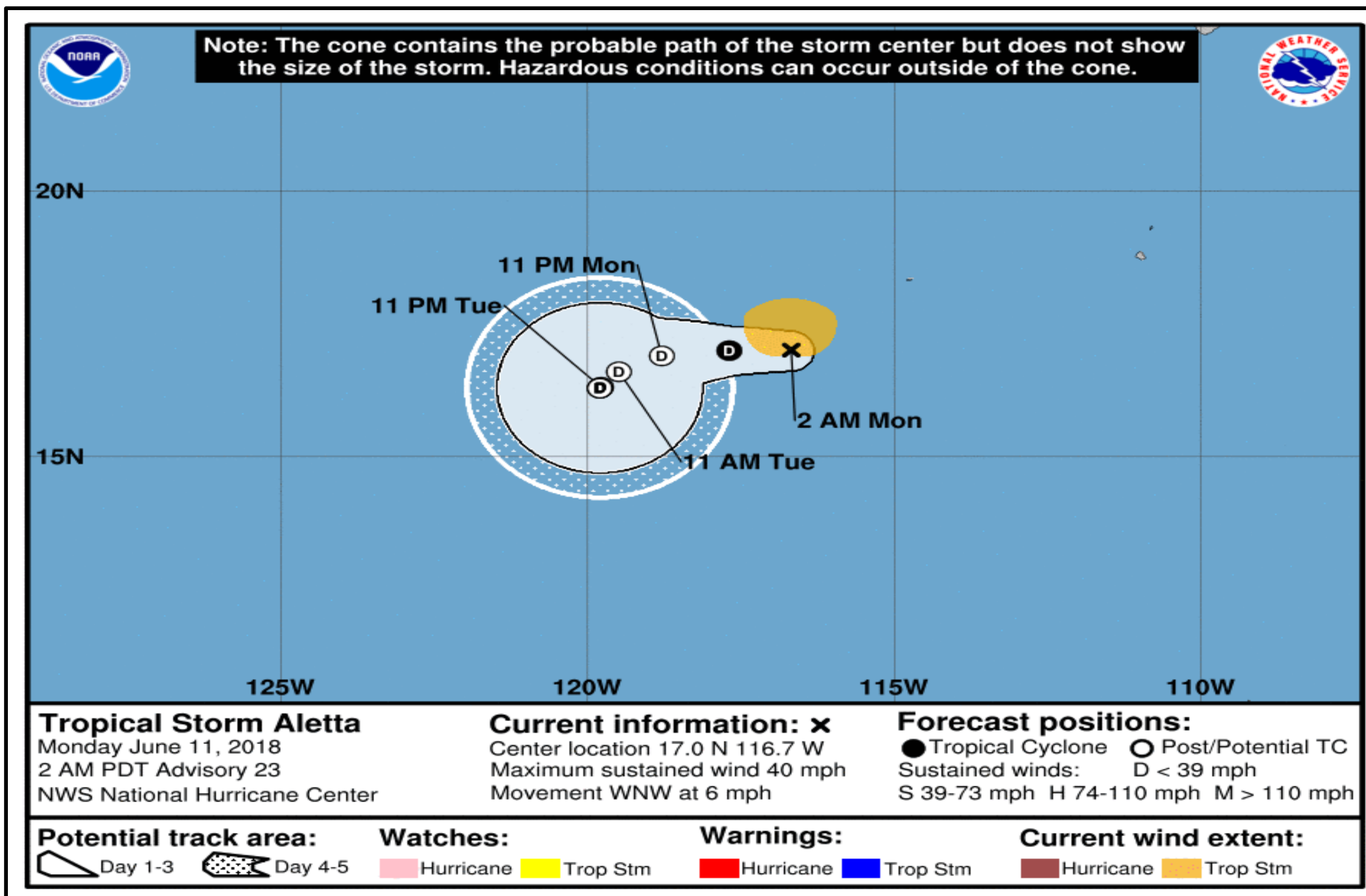
**Tropical Storm Aletta and Hurricane Bud will have no significant impacts to FEMA Region 6.**  
**See next slide for forecast tracks.**



# Tropical Weather Outlook – Eastern Pacific (cont.)

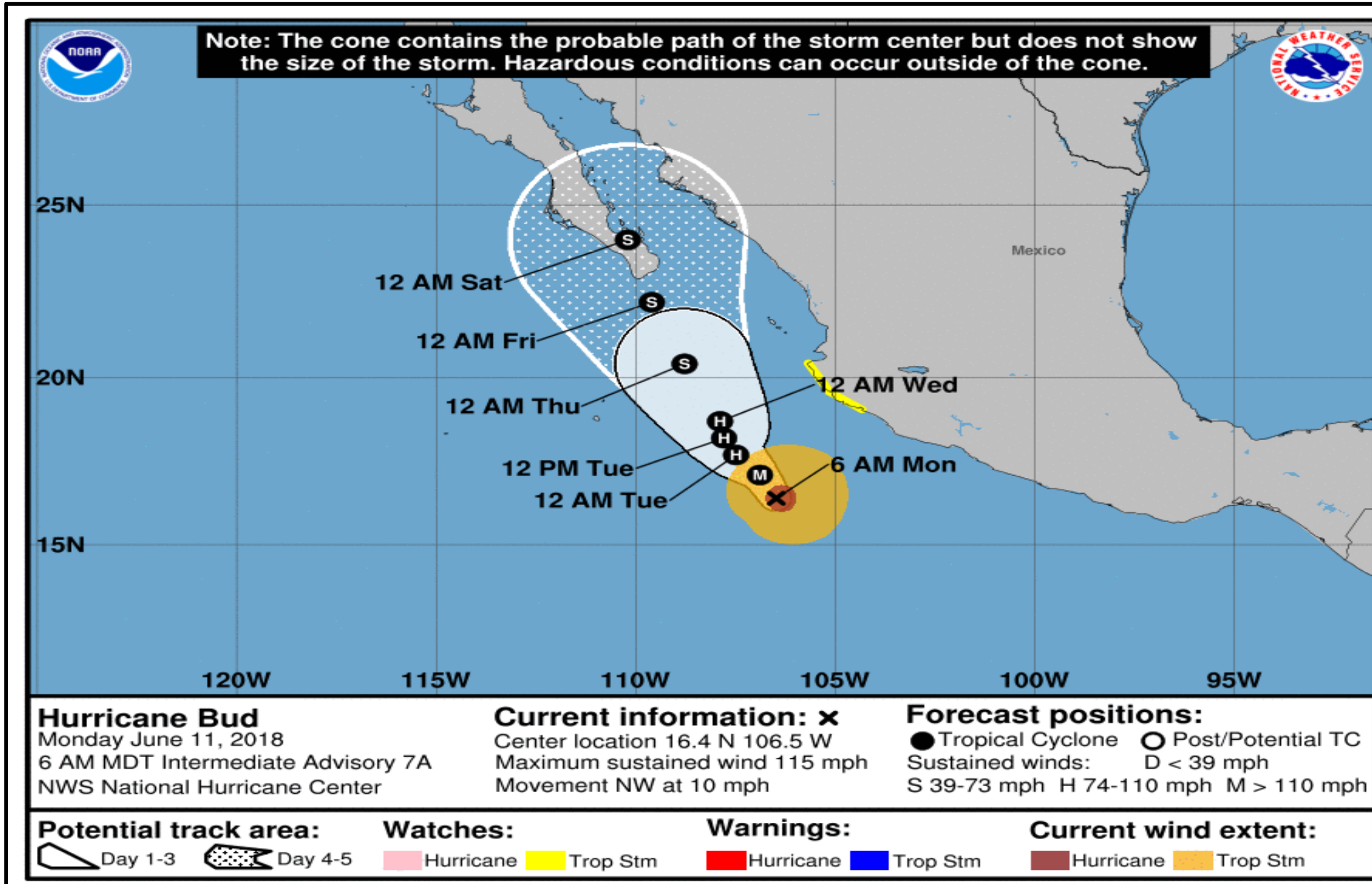


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**Tropical Storm Aletta will weaken to a Tropical Depression later today and dissipate by late tomorrow/early Wednesday. Aletta have no significant impacts to FEMA Region 6.**

**Hurricane Bud is currently a Category 2 and is forecast to strengthen to a Category 3 later today and then will weaken to a Tropical Storm by this weekend. No significant impacts to FEMA Region 6. Moisture from Bud may provide much needed rain in NM this weekend into early next week.**

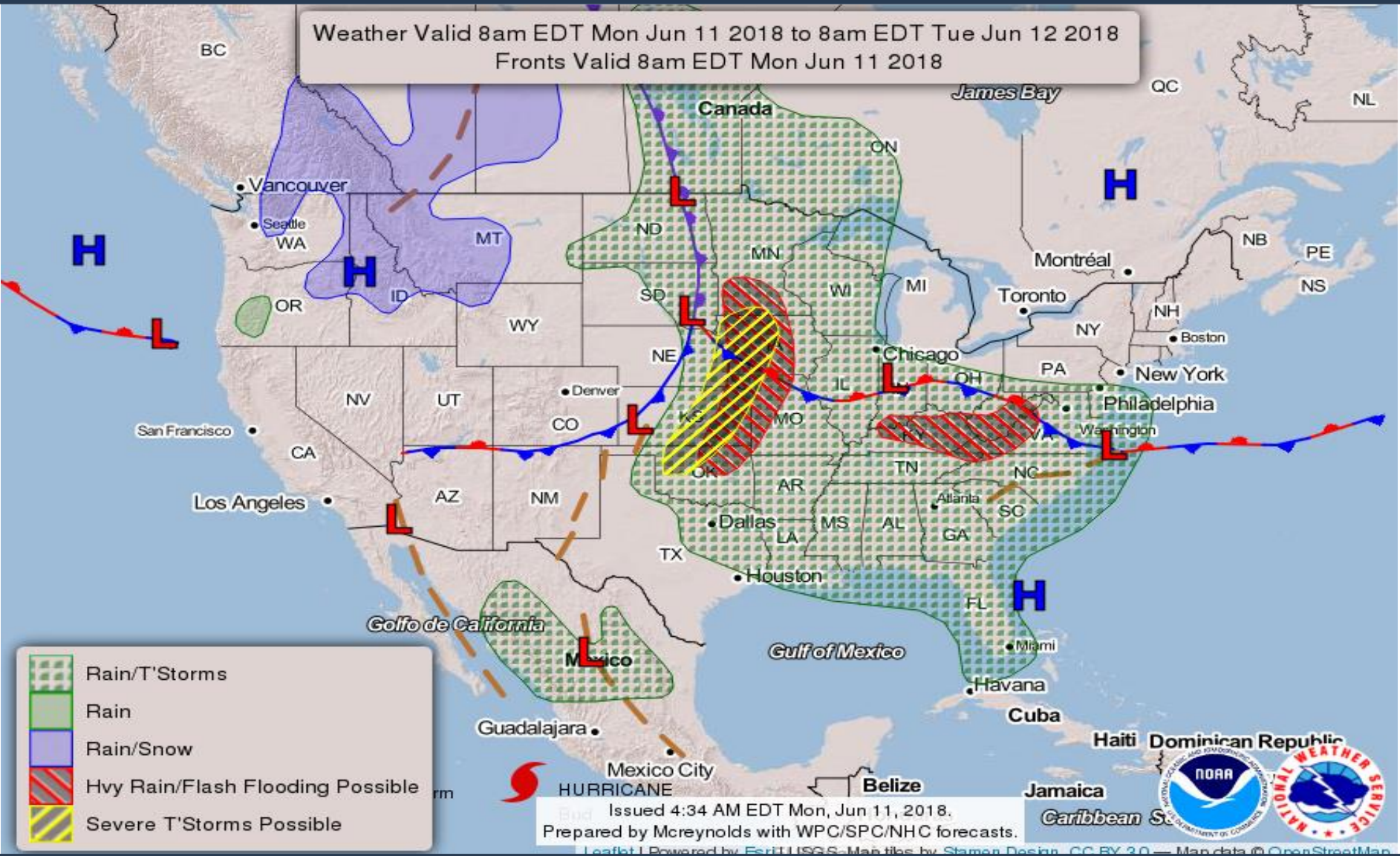




# Today's Weather



## Forecast Chart

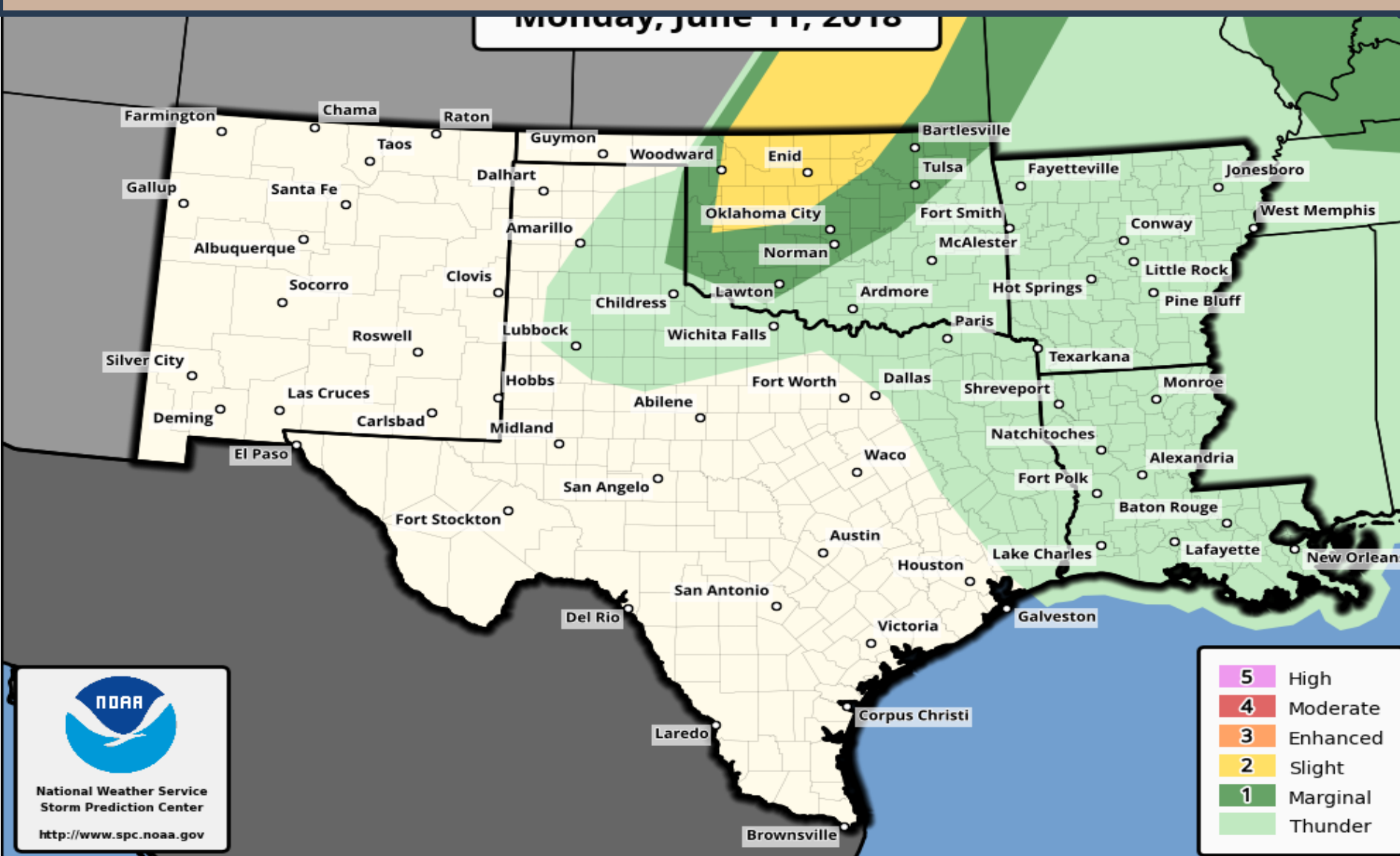


## Forecast Rainfall

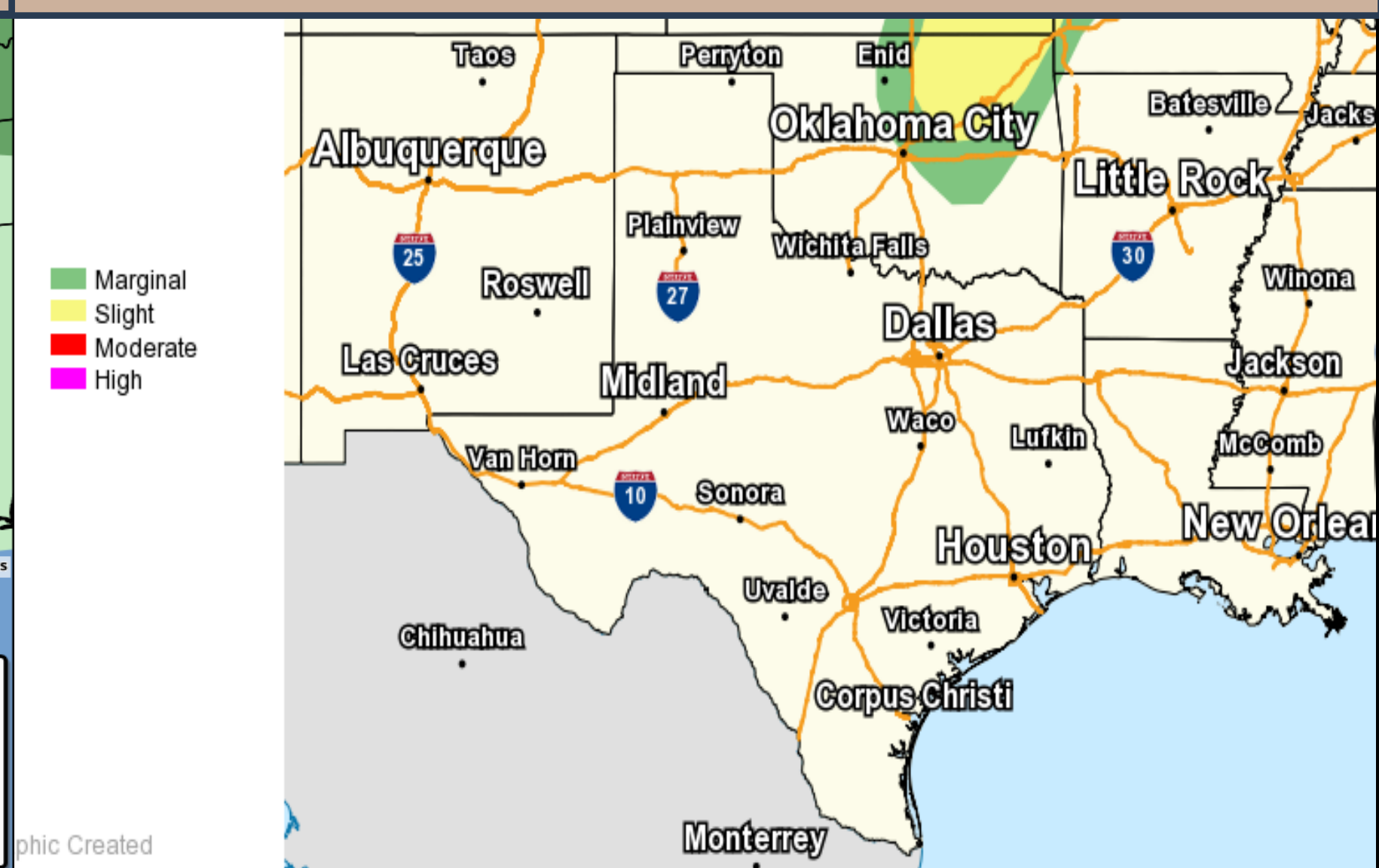


**A few severe storms and areas of heavy rain/flash flooding possible across OK.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

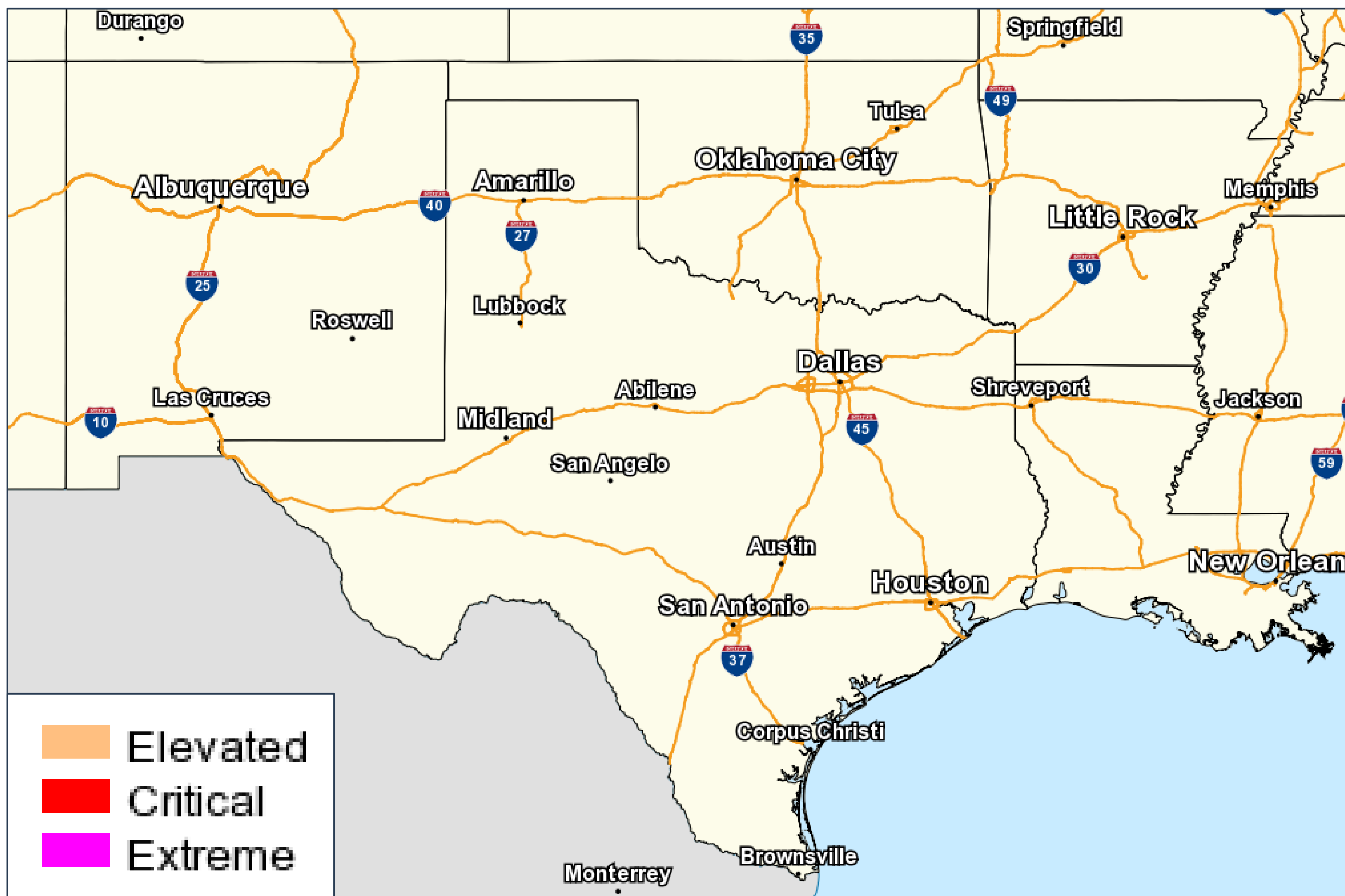




# Today's Fire Weather Outlook



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**No Fire Weather Concerns.**



# Tomorrow's Weather



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## Forecast Chart

## Forecast Rainfall

**A few severe storms and isolated heavy rain/flash flooding possible across NW OK into the TX/OK Panhandles and NE NM.**

**A few strong to severe storms possible across NE AR and western/central/northern OK.**

## Severe Weather Outlook

## Excessive Rainfall Outlook

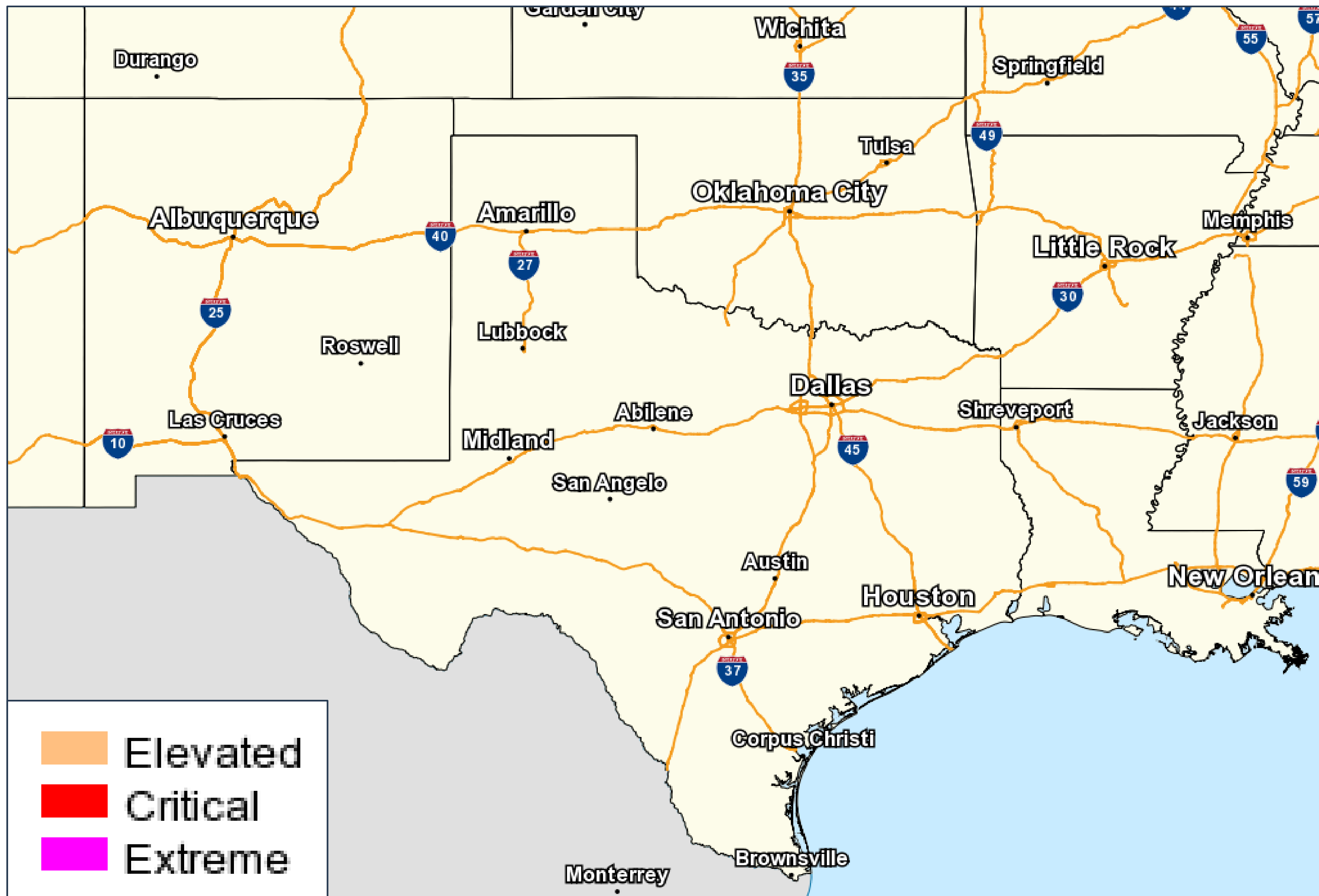


# Tomorrow's Fire Weather Outlook



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**No Fire Weather Concerns.**



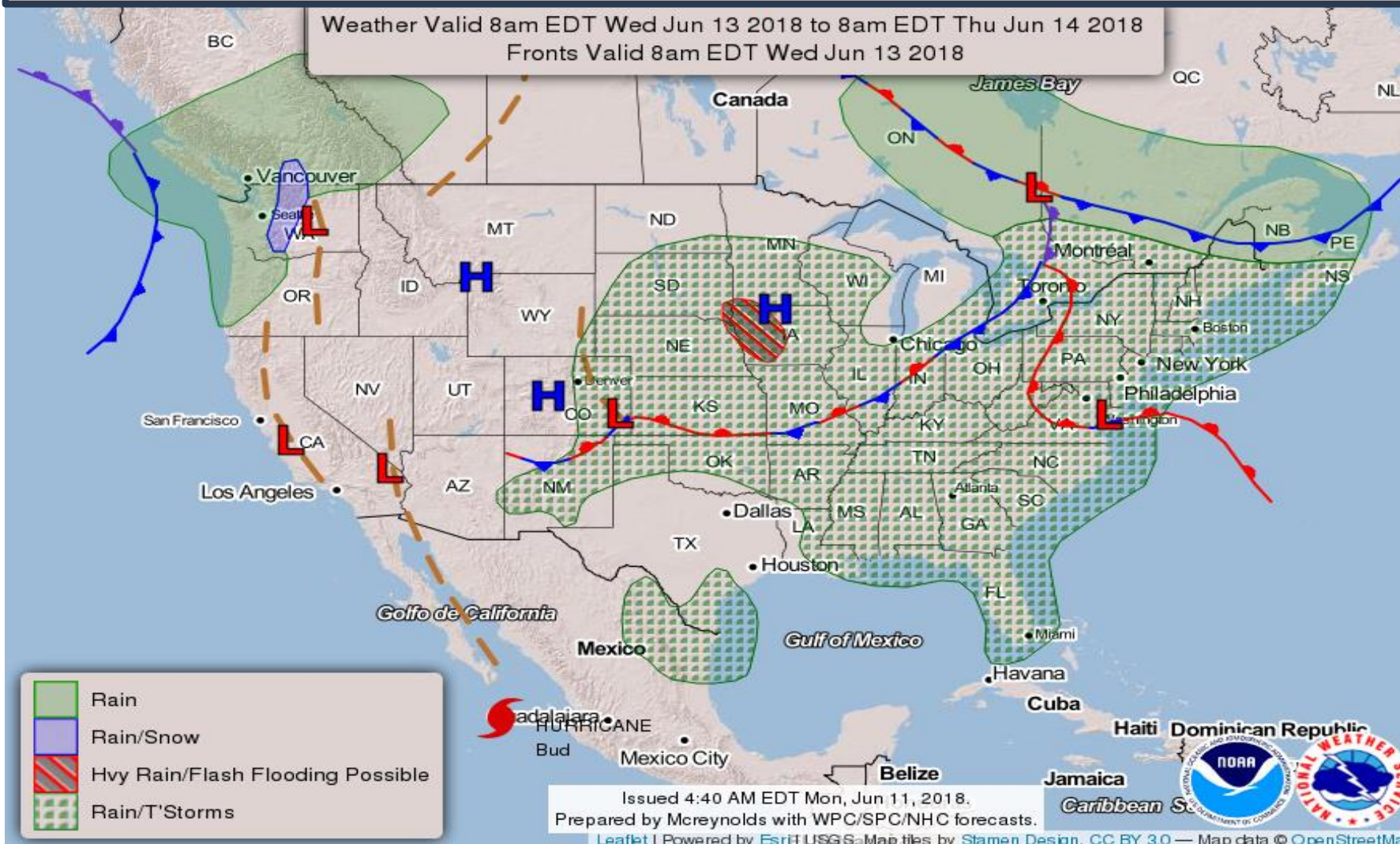


# Wednesday's Weather



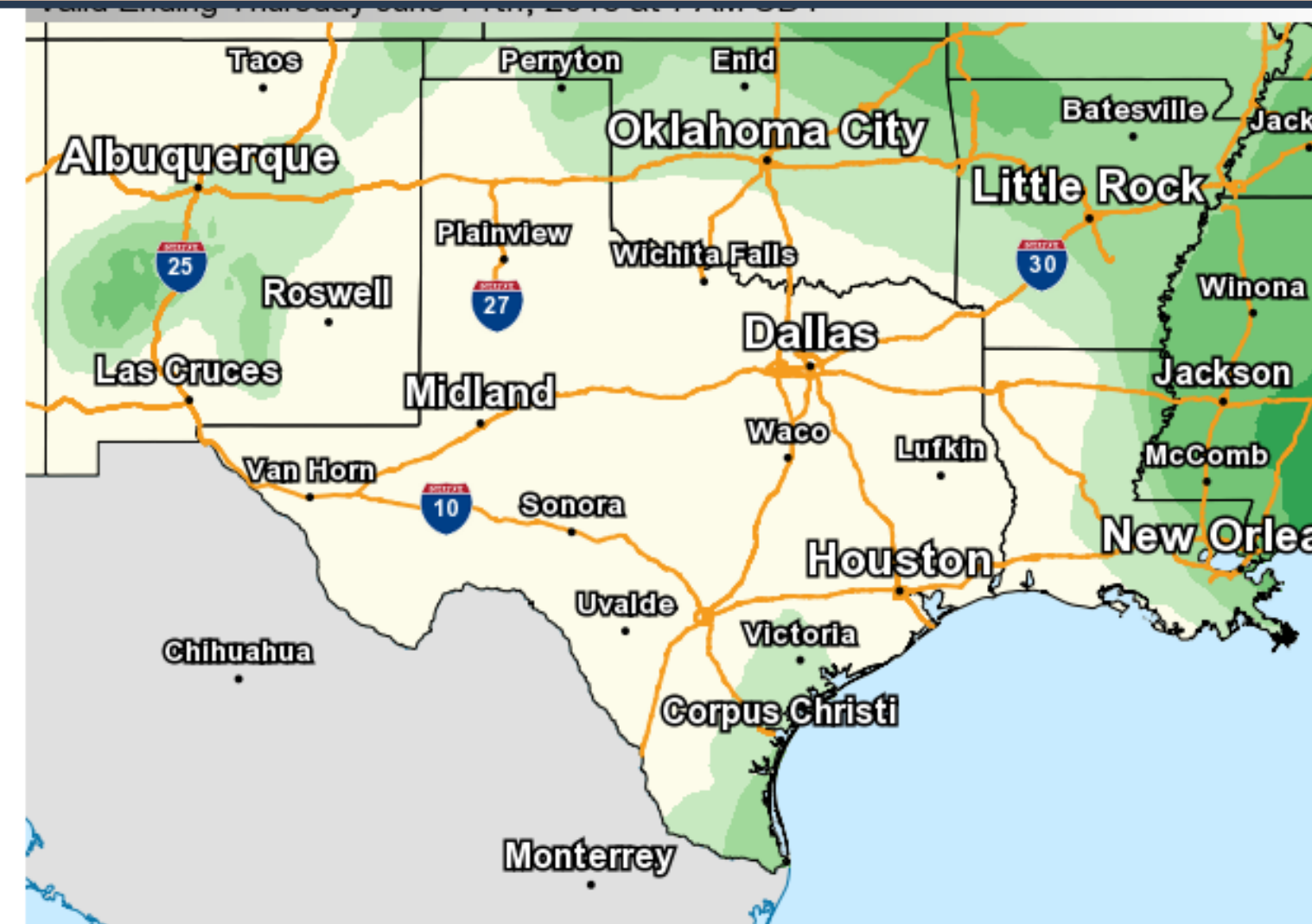
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## Forecast Chart



## Forecast Rainfall

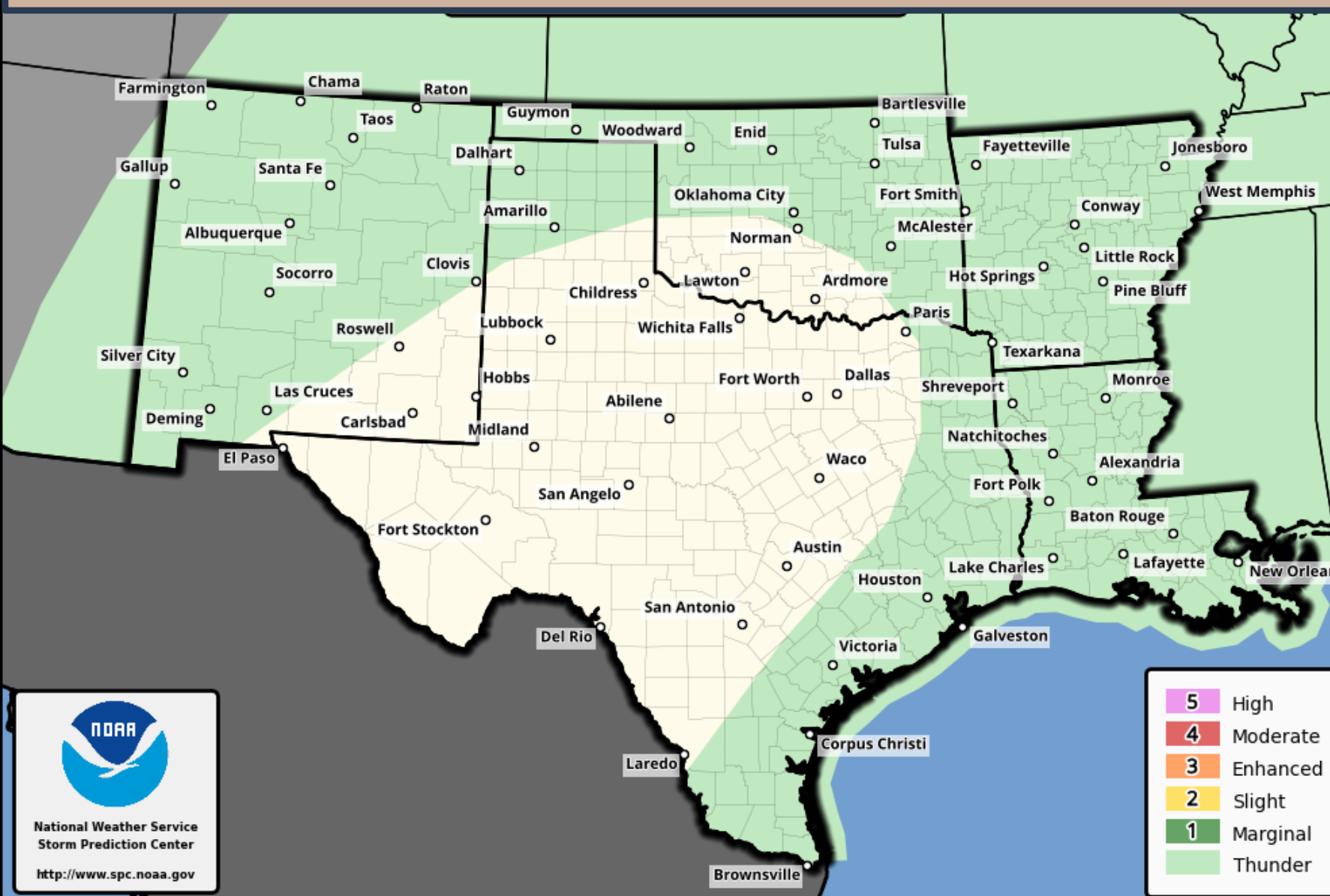
- Up to 0.1 inch
- 0.1 to 0.25 inches
- 0.25 to 0.5 inches
- 0.5 to 1.0 inches
- 1.0 to 1.5 inches
- 1.5 to 2.0 inches
- 2.0 to 3.0 inches
- 3.0 to 4.0 inches
- 4.0 to 6.0 inches
- 6.0 to 8.0 inches
- 8.0 to 10.0 inches
- 10.0 to 15.0 inches
- 15.0 to 20.0 inches
- 20.0 to 30.0 inches
- 30.0 to 50.0 inches



Graphic Created  
June 11th, 2018

No significant weather  
expected.

## Severe Weather Outlook



Graphic Created  
June 11th, 2018  
AM CDT

## Excessive Rainfall Outlook

- Marginal
- Slight
- Moderate
- High



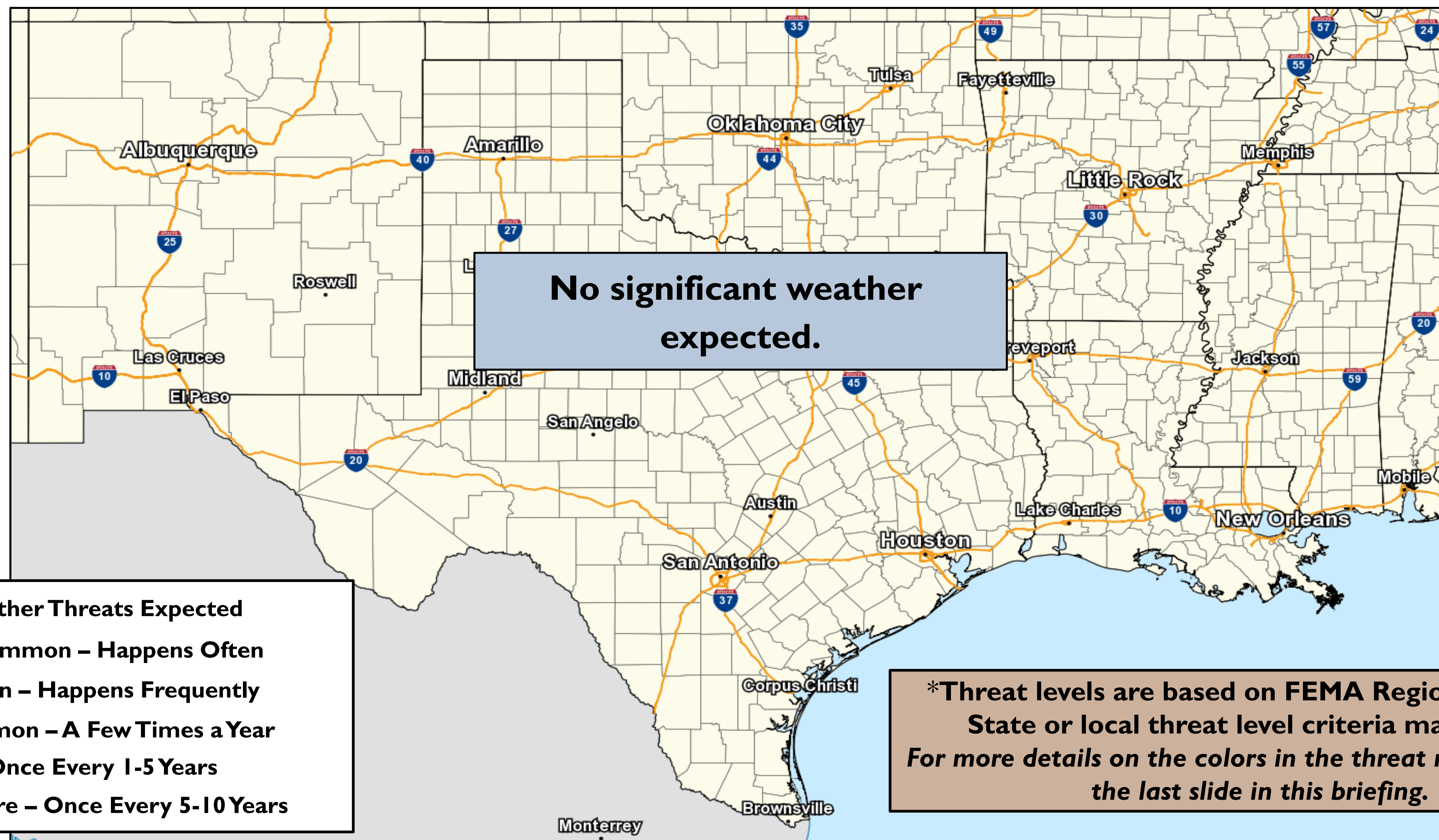


# Days 4-5 Weather Hazards

Thursday - Friday



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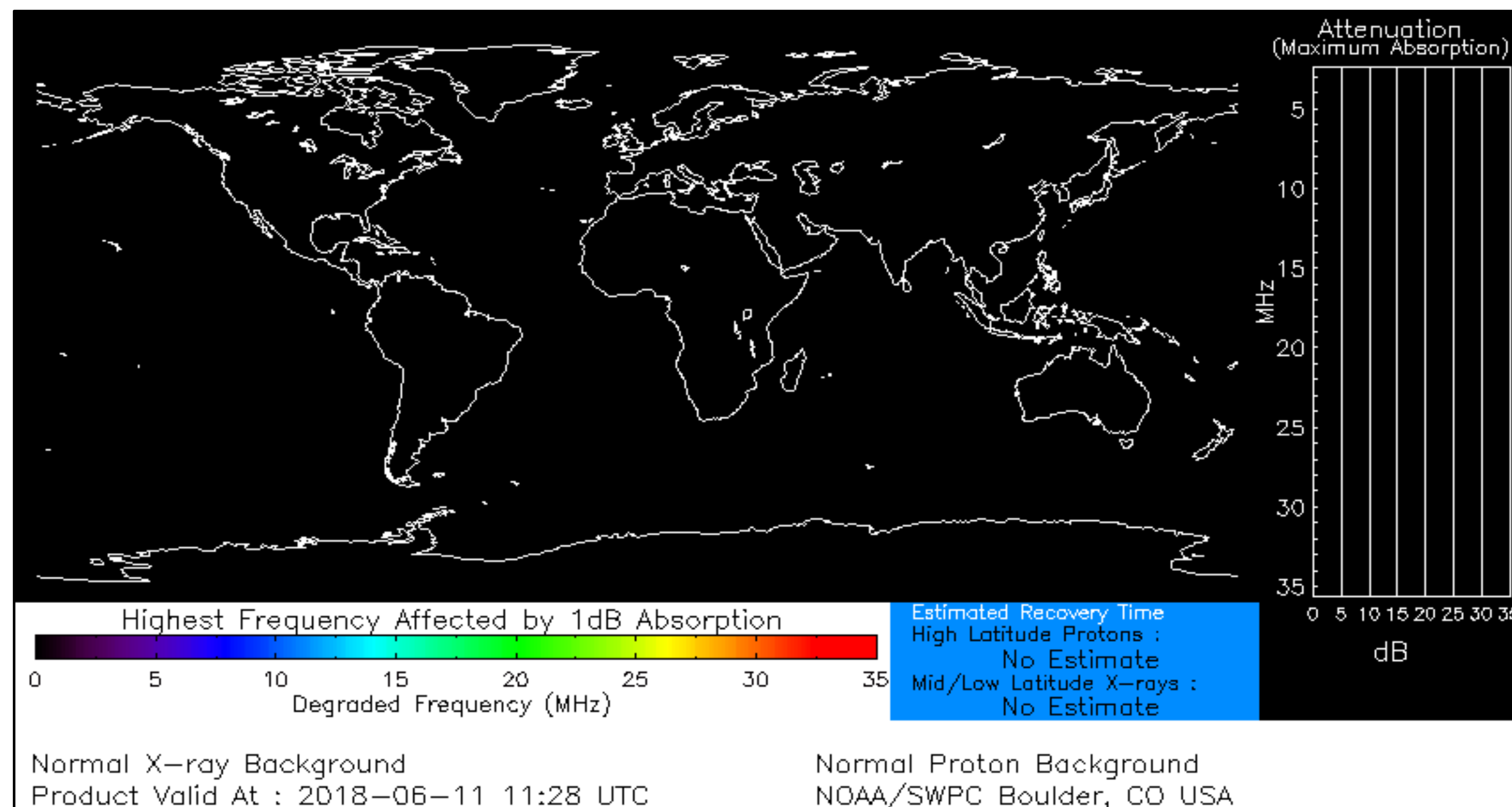


# Space Weather 3-Day Forecast



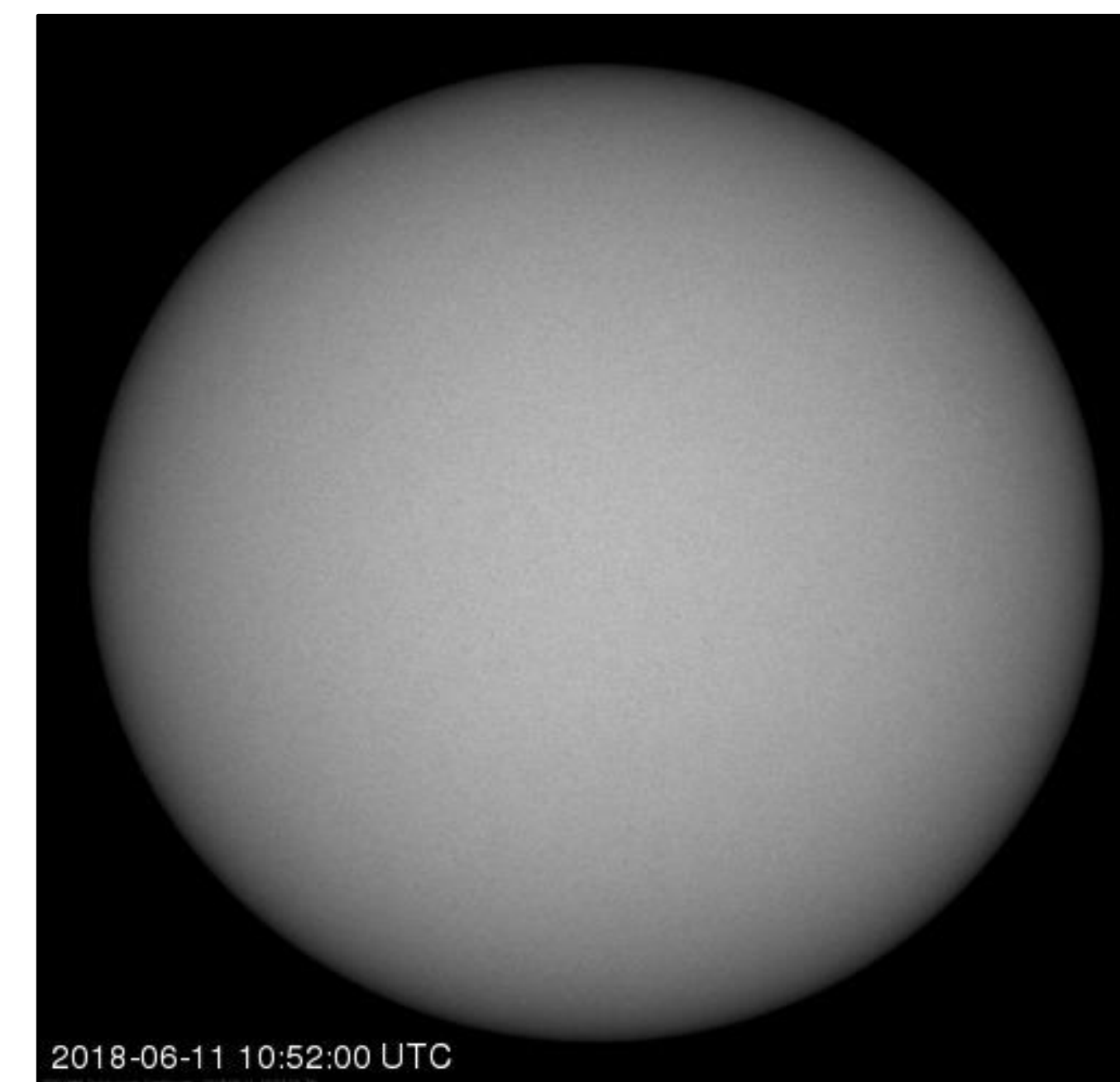
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	Monday	Tuesday	Wednesday
<b>Geomagnetic Storms</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**